

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2002192643
PUBLICATION DATE : 10-07-02

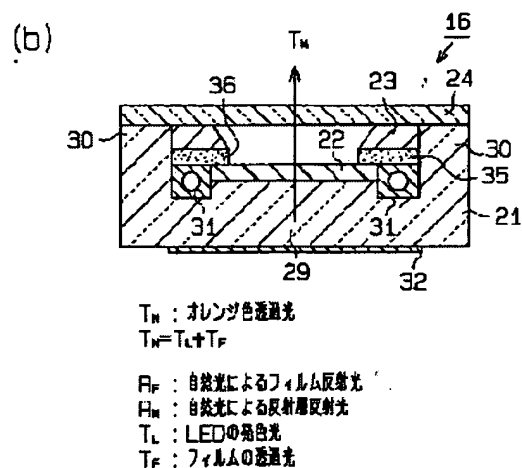
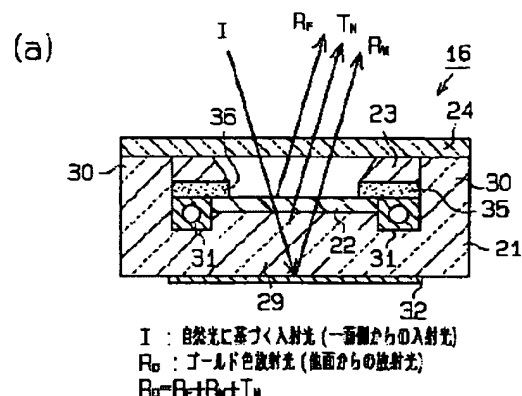
APPLICATION DATE : 25-12-00
APPLICATION NUMBER : 2000392243

APPLICANT : TOYODA GOSEI CO LTD;

INVENTOR : OGISU YASUHIKO;

INT.CL. : B32B 7/02 B60R 13/00 G02B 3/00
G02B 5/08 G02B 5/22

TITLE : LAMINATE, ITS PRODUCTION METHOD, AND METHOD FOR PRODUCING LAMINATED HALF-FILM USED FOR LAMINATE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a laminate which is visible even in the absence of natural light and the visible state of which is changed by natural light, a method for producing the laminate, and a method for producing a laminated half-film used for the laminate.

SOLUTION: The laminated half-film 22 including a half-transmission layer and a colored layer and metal plate 23 having a prescribed design opening 36 are laminated on a lens part 29 illuminated by LED. The half-transmission layer transmits a part of incident light I and reflects another part of it. The colored layer changes the color of transmitted light into a prescribed color. A reflective layer 32 which reflects light which passed through the lens 29 is formed on the back of the lens part 29. The colored state of light T_n and R_d radiated from the laminated half-film 22 is changed by the incident light I.

COPYRIGHT: (C)2002,JPO